

Dms 2150



For LPS® 3 Heavy Duty Rust
Inhibitor
Part No.

00034

00937

00934

00316

00037

03128

00305

00355

HOLT LLOYD CORPORATION

MATERIAL SAFETY DATA SHEET REC'D JAN 04 1988

SECTION I

MANUFACTURER'S NAME Holt Lloyd Corporation		TRADE NAME LPS® 3 Heavy Duty Rust Inhibitor
ADDRESS (NUMBER, STREET) 4647 Hugh Howell Road		CHEMICAL FAMILY Petroleum Hydrocarbons
ADDRESS (CITY, STATE, ZIP) Tucker, GA 30084-5096		Telephone # (404) 934-7800
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CRF 172.101) COMPOUND, BOILER, PRESERVING, LIQUID NMFC 50093 SUB 2 BRL/BXS CL 55 CONSUMER COMMODITY ORM-D		EMERGENCY TELEPHONE NO. 1-800-424-9300
Aerosol: ORM-D-Air	Bulk: Non-Restricted	Chemtrec MANUFACTURER'S D-U-N-S NO. 04-221-6549

SECTION II-INGREDIENTS

INGREDIENTS

		%	OSHA PEL	TLV (UNITS)
Aliphatic Hydrocarbon	CAS #64742-88-7	70-80	500ppm	100ppm
Petroleum Oil (Severely Hydro-treated)	CAS #70592-78-8	10-15	5mg/m ³ *	N.E.
Carbon Dioxide Propellant (Aerosol Only)	CAS #124-38-9	2-3	N.E.	5,000

*oil mist

SECTION III-PHYSICAL DATA

BOILING POINT (°F)	300	SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mmHg)	100°F	PERCENT VOLATILE BY VOLUME (Z)	.830
VAPOR DENSITY (AIR=1)	<2.0	EVAPORATION RATE	75
SOLUBILITY IN WATER	1	(n-Butyl Acetate=1)	0.12
APPEARANCE AND ODOR	Nil		
Dark brown liquid, sweet, mild odor			

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	112°F T.C.C.	FLAMMABLE LIMITS of diluent	LEL	0.7%	UEL	6.0%
EXTINGUISHING MEDIA	Foam, dry chemical or carbon dioxide					
SPECIAL FIRE FIGHTING PROCEDURES	Do not use water. Treat as combustible petroleum distillates.					

UNUSUAL FIRE AND EXPLOSION HAZARDS

Excessive heat created by fire will cause aerosols to burst.

N.E.=Not Established

BOE-C6-0190228

SECTION V-HEALTH DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation, Eyes

EFFECTS OF OVEREXPOSURE

Eyes: Irritation

Skin: Repeated or prolonged contact may cause drying of skin.

Inhalation: Headache, dizziness, nausea and anesthetic effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None from normal exposure

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with copious amounts of cold water and contact physician.

Skin: Wash with soap and water and then apply medicated skin cream.

Inhalation: Move to fresh air and contact physician.

Ingestion: Contains aliphatic hydrocarbons and petroleum oil. Do not induce vomiting. Contact physician immediately. Minute amount aspirated into lungs during ingestion may cause severe pulmonary injury.

SECTION VI-REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Avoid sparks or open flames
(See handling & storing precautions.)

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as liquid chlorine, concentrated oxygen or sodium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water courses by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations for petroleum distillates.

RCRA HAZARDOUS WASTE NO.: D001

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.

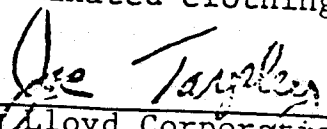
VENTILATION: Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

PROTECTIVE GLOVES: Use solvent resistant gloves for liquid handling.

EYE PROTECTION: Use face shield or goggles when spraying or splashing.

OTHER PROTECTIVE EQUIPMENT: None

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store aerosols below 120°F and above 32°F. Store bulk below 150°F and above 32°F. Store away from ignition sources and avoid breathing vapors. Wash hands with soap and water after use or before breaks and lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.


Joe Tarpley
Holt Lloyd Corporation
August 14, 1987
Technical Service Manager